

# Human GMPR Recombinant Protein



RPPB1714

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## Product Information    Protein Information

**Product SKU:**

RPPB1714

**Accession:**

P36959

**Host:**

Escherichia Coli.

**Protein description:**

GMPR Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 365 amino acids (1-345) and having a molecular mass of 39.5kDa. GMPR is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear colorless solution.

**Synonyms:**

GMP reductase 1, Guanosine 5'-monophosphate oxidoreductase 1, Guanosine monophosphate reductase 1, GMPR, GMPR1.

**Formulation:**

The GMPR solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MPRIDADLKL DFKDVLLRPK RSSLKSRAEV DLERTFTFRN SKQTYSGIPI  
IVANMDTVGT FEMAAVMSQH SMFTAIHKHY SLDDWKL FAT NHPECLQNVA VSSGSGQNDL EKMTSILEAV  
PQVKFICLDV ANGYSEHFVE FVKLVRAKFP EHTIMAGNVV TGEMVEELIL SGADIIVKGV GPGSVCTTRT  
KTGVGYPQLS AVIECADSAH GLKGHIISDG GCTCPGDVAK AFGAGADFVM LGGMFSGHTE CAGEVIERN  
RKLKLFYGMS SDTAMNKHAG GVAEYRASEG KTVEVPYKGD VENTILDILG GLRSTCTYVG AAKLKELSR  
ATFIRVTQQH NTVFS.